

The Ritz Method in Nonlinear Problems, by
S. G. Mihlin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 4, 1962, pp ~~170~~ 171.

722, 222

CB

Sci - Math

Aug 62

On Theory of ~~the~~ Operational Calculus, by
A. P. Prudnikov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 4,
1962, pp 794-797.

Amer Math Soc
Vol 3, No 1

Sci - Math

211,558

Sep 62

Integrals of Cauchy Type and Boundary Value
Problems for Generalized Analytic Functions on
Closed Riemann Surfaces, by Ju. L. Rodin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 4,
1962, pp 798-801.

A

Amer Math Soc
Vol 3, No 1

Sci - Math

1 Sep 62

211, 539

Some Results Concerning Perfect Measures, by
V. V. Sazonov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 4, 1962, pp 181-182.

800, 803

CB

Sci - Math

Aug 62

Green's Functions for Arbitrary (in particular,
Integral) Powers of Elliptic Integrals, γ by
P. E. Sobolevskiy, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XLII,
No 4, 1962, pp 804-807.

Amer Math Soc
Vol 3, No 1

211.560

Sci - Math

Sep 62

Representation of Semigroups by Means of Binary
Relations, by B. M. Sain, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 4,
1962, pp 808-811.

Amer Math Soc
Vol 3, No 1

Sci - Math

211, 553

Sep 62

On Boundary-Value Problems for Parabolic Systems in
a Half Space, by S. D. Eidel'man, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 4,
1962, pp 812-814.

Amer Math Soc
Vol 3, No 1

Sci - Math
Sep 2 62

211,554

On the Nature of Unusual Magnetic Phenomena Found in
Certain Organic Materials, by Ya. G. Dorfman, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 4,
1962, pp 815-816.

AIP
Sov Phys - Dok
Vol VII, No 2

Sci - Phys Sec

Aug 62

Pu4ification of ~~MMIX~~ Methylmethacrylate by the Method of
Zone Melting, by A. G. Anikin, N. V. Ormanets, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 4,
1962, pp 817-819.

CB

Sci - Chem

Oct 62

EXO-REACTION BANDS IN THE SPECTRA OF SALTS OF
DIPHENYLALKANES WITH NO₂ AND OH GROUPS IN
DIFFERENT RINGS, BY V. A. GLUSHENKOV,
V. A. IZMAIL'SKIY, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 4,
1962, PP 820-823.

CB

SCI - CHEM

OCT 6 2

212,137

AN XX INVESTIGATION OF THE CONDITIONS FOR
XX ISOLATION OF THE METALLIC COMPOUND Ni_3Al FORMED
FORMED IN MULTICOMPONENT NICKEL ALLOYS, BY
R. B. GOLUBTSOVA, L. A. NUDE, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 4,
1962, PP 824-827.

CB

SCI - CHEM

212,138

OCT 62

XXXX

2.2

The Reaction of Di-2-Benzothiazyl Disulfide With
Rubbers of Different Structures, by B. A. Dogadkin,
M. S. Fel'dshtein, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 4,
1962, pp 828-830.

CB

Sci - Chem
Oct 62

STUDY OF THE POLYMORPHISM OF TRINITROBENZENE, BY
G. B. RAVICH. O. F. BOGUSH, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 4,
1962, PP 83L-834.

CB

SCI - CHEM

212,215

OCT 62

THE MECHANISM OF THE DEM'YANOV REACTION, BY O. A.
REUTOV, T. N. SHATKINA, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 4,
1962, PP 835-837.

CB

SCI - CHEM

212,216

OCT 62

The Reaction of Chloro Derivatives of Alkene ~~XXXXXXXXXX~~
Thiocarbonates With Ammonia and With Amines, by V. S.
Etlis, G. A. Razuvayev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 4,
1962, pp 838-840.

CB

OTS 62-18061

Sci - Chem

Oct 62

Paramagnetic Relaxation in Vanadyl Sulfate and
its Solutions, by G. P. Vishnevskaya,
P. G. Tishkov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 4, Jan-Feb 1962, pp 841-843.

CB

Sci

Jan 63

The Formation of Structure in Plastified
Crystalline Polystyrene, by V. A. Kargin,
T. I. Sogolova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 4, Jan-Feb 1962, pp 844-846.

CB

Sci

Jan 63

Electron Paramagnetic Resonance Study of
Radiation-Induced-Oxidation-Reduction
Mechanism, by V. A. Larin, A. D. Grishina,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 4, Jan-Feb 1962, pp 847-850.

CB

Sci

Jan 63

Some Problems in the Theory of
Polyelectrolytes at Small Degrees of Ionization,
by V. G. Levich, Yu. I. Yalamov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 4, Jan-Feb 1962, pp 851-854.

CB

Sci

Jan 63

The Electrolytic Reduction of Copper on a
Disc-Ring Electrode, by L. N. Nekrasov,
N. P. Berezina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 4, Jan-Feb 1962, pp 855-858.

CB

Sci

Jan 63

Measurement of Adsorption Potentials on
Smooth Platinum, by A. D. Obrucheveva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 4, Jan-Feb 1962, pp 859-861.

CB

Sci

Jan 63

The Effect of Oxygen on the Electrical Properties
of Titanium Nitride, by G. V. Samsonov, T. S.
Verkhoglyadova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 4, Jan-Feb 1962, pp 862-865.

CB

Sci

Jan 63

The Behavior of a $\text{Pt}(\text{O}_2, \text{CO}_2)$ Electrode in
Molten Carbonates, by G.K. Stepanov,
A. M. Trunov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI.II,
No 4, Jan-Feb 1962, pp866-869.

CB

Sci

SLA 62-18031

Jan 63

Theory of Electronic Paramagnetic Resonance
in Solutions, by R. Kh. Timerov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 4, Jan-Feb 1962, pp 870-873.

CB

Sci

Jan 63

A Potentiometric Study of Catalytic
Dehydration in Dielectric Media, by
A. B. Fasman, D. V. Sokol'skii, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXLII,
No 4, Jan-Feb 1962, pp 874-877.

CP

Sci

Jan 63

X The Electrode Behavior of Heat Treated
Polyacrylonitrile, by A. N. Frumkin,
L. I. Boguslavskii, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 4, Jan-Feb 1962, pp 878-880.

CB

Sci

Jan 63

The Relation Between the Molecular Weight,
The Second Virial Coefficient, and the
Dimensions of the Polymer Balls in a Good
Solvent, by E. V. Eskin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 4, Jan-Feb 1962, pp 882-883.

CE

Sci

Jan 63

Characteristics of Hardening (Crystallization Structure Formation) Processes in Suspensions of Calcium Sulfate Hemihydrate at 20 and 60°, by E. A. Amelina, E. E. Segalova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Chemical Technology Section), Vol CXLII, No 4, 1962, pp 884-886.

CB

Sci

Aug 63

Mineral Formation at Contacts of Silicon Carbide
With the Oxides of Iron and Calcium, by I. S.
Kainarskiy, L. I. Karyakin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Chemical Technology
Section), Vol CXLII, No 4, 1962, pp 887- .

CB

Sci

Aug 63

A New Spore Assemblage and the Problem of the
Middle-Upper Devonian Boundary in the Volga-Ural
Region, by A. D. Arkhangel'skaya, 1 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, by CXLII, No 4, 1963, pp 891-892.

Amer Geol Inst

Sci
Mar 64

Precambrian Spores From the Dniester Region, by
N. A. Volkova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, by CXLII, No 4, 1968~~2~~, pp 893-895.

Amer Geol Inst

Sci
Mar 64

New Data on the Age of the Shipotka and Dusino
Formations, Eastern Carpathians, by O. S. Vyalov,
N. V. Dabagyan, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, by CXLII, No 4, 1962, pp 896-899.

Amer Geol Inst

Sci
Mar 64

Upper Permian in Lesser Khingan, By A. P. Glushkov,
1 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, by CXLI, No 4, 1962, pp 900-902.

Amer Geol Inst

Sci
Mar 64

Upper Carboniferous and Lower Permian Deposits in
Western Ciscaucasus, by A. I. Letavin, N. A. Redichkin,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, by CXLII, No 4, 1962, pp 903-905.

Amer Geol Inst

Sci
Mar 64

The Importance of Vein Rocks in Determining Depth
of Erosion in Massifs Within the Uralian Platinfercus
Gabbro-Peridotite Belt, by V. A. Reshit'ko, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, No 4, 1962, pp 906-908.

Amer Geol Inst

Sci
Mar 64

Stratigraphic Importance of Spores From Middle
Devonian Staro-Oskol and Mullinsk Clastic Strata
in the Volga-Ural Province, by A. EB. Filimonova,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, No 4, 1962, pp 909-912.

Amer Geol Inst

Sci
Mar 64

Late Paleozoic Igneous Activity in Northeast
USSR, by L. V. Firsov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, No 4, 1962, pp 913-915.

Amer Geol Inst

Sci
Mar 64

Keldyshite-A New Mineral, by V. I. Gerasimovskiy,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 4, 1962, pp 916-918.

Amer Geol Inst

Sci
Mar 64

Some Rocks Containing Analcite and Other Zeolites
From the Northern Omega Bauxite Deposit, by
E. A. Kal'berg, Ye. P. Levando, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 4, 1962, pp 919-921.

Amer Geol Inst

Sci
Mar 64

On the Stages of Mineral Formation in the Deposits
of the Taurian Suite in the Crimea, by
N. V. Logvinenko, G. V. Karpova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol. CXLII, No 4, 1962, pp 922-925.

Amer Geol Inst

Sci
Mar 64

On the Zonality of the Loessial Rocks in the
European Part of the USSR, by M. P. Lysenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 4, 1962, pp 926-929.

Amer Geol Inst

Sci
Mar 64

Fluorine, Phosphorus and Minor Elements in the
Bones of Fossil Fishes and Dolphins, by L. N. Kudrin,
A. S. Sivkova, 1 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXIII, No 4, 1962, pp 930-932.

Amer Geol Inst

Sci
Mar 64

Twenty-Four Hour Mitotic Rhythms in Different Organs
of White Mice and Rats, by I. A. Alov, N. V.
Krasil'nikova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 4, 1962, pp 933-935.

AIBS

Sci

Nov 63

Localization of Dehydrase in the Olfactory Cells of
Vertebrates, by A. A. Bronshtein, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 4, pp 936-939.

AIBS

Sci

Nov 63

The Peculiarities of Flavine Synthesis by the
Yeast *Candida Tropicalis* Var. *Rhagii*, by
G. M. Shavlovskiy, E. M. Tsavenko, et al, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 4,
1962, pp 940-943.

AIBS

Sci

Nov 63

Comparative Effectiveness of Direct and Indirect
Action of Ionizing Radiation on DNA, by
M. I. Mekshenkov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 4, 1962, pp 944-947.

Sci

Nov 63

AIBS
Amer Inst Phys
Sov Phys - Dok
Vol VII, No 2

Heat of Combustion of Gluten Proteins in Relation
to the Problem of Formation of Gluten, by
V. V. Ponomarev, N. I. Sosedov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 4, 1962, pp 948-949.

AIBS

Sci

Nov 63

Effect of Solubilization of Benzene on the Catalytic
Properties of Pepsin, by V. A. Pchelín,
V. N. Izmailova, 3 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Biol Section,
Vol CXLII, No 4, 1962, pp 950-953.

AIBS

Sci

Nov 63

Effect of Light Upon the Persistence of Protoplasmic
Cyclosis in Plant Cells Treated With 2,4-Dinitrophenol,
by A. G. Lomagin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 4, 1962, pp 957-960.

AIBS

Sci

Nov 63

The Resistance of Avian Gonads to the Action of Low
Temperature, by B. G. Novikov, M. A. Lyubarskaya,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 4, 1962, pp 961-964.

AIBS

Sci

Nov 63

Central Inhibition and ~~XXXX~~ Acute Pulmonary Edema,
by D. F. Pletsityi, A. M. Monastov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 4, 1962, pp 965-967.

AIBS

Sci

Nov 63

The Mechanism of Transfer of the Blastocoel Fluid to
the Cavity of the Primary Gut in Sturgeon Embryos,
by A. I. Zotin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 4, 1962, pp 968-971.

AIBS

Sci

Nov 63

Larval Helminths of Aquatic Insects From the
Severskyi Donets River and Associated Ponds, by
N. N. Shevchenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 4, 1962, pp 972-975.

AIBS

Sci

Nov 63

Nutrition of the Monogeniodes, by
A. V. Uspenskaya.
RUSSIAN, per, Doklady Akad Nauk
SSSR, 1962, Vol 142, No 5.
NLL RTS 2611 (On Loan or Purchase)

Aug 65

286,451

On the Index of Elliptic Operators, by M. S. A
Agranovic, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 5,
1962, pp 983-985.

Amer Math Soc
Vol 3, No 1

Sci - Math

211, 555

Aug 62

Homogeneous Differential-Difference Schemes
of Second Order Accuracy for Parabolic and
Hyperbolic Equations With Discontinuous Coef-
ficients, by B. M. Budak, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 5,
1962, pp 986-989.

Amer Math Soc
Vol 3, No 1

211, 556

Sci - Math
Sep 62

A General Linear Boundary Value Problem for the Equation
 $u / c(x,y) u = 0$, by A. Dzuraev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 5,
1962, pp 994-997.

Amer Math Soc
Vol 3, No 1

211,549

Sci - Math

Sep 62

M-Sets and Hausdorff Measure, by O. S. Ivasev-Iusatov, 8
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 5,
1962, pp 1001-1004).

Amer Math Soc
Vol 3, No 1

211, 530

Sci - Math

Sep 62

Convergence of the Method of Successive Approxima-
tions for Quasilinear Elliptic Equations, by
A. I. Koselev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 5,
1962, pp 1007-1010.

Amer Math Soc
Vol 3, No 1

211, 551

Sci - Math

Sep 62

Integral and Meromorphic Solutions for a Certain
Class of Difference Equations, by M. A. Kraplin,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 5,
1962, pp 1011-1014).

Amer Math Soc
Vol 3, No 1

211, 552

Sci - Math

Sep 62

Finite Problems, by Ju. T. Medvedev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII,
No 5, 1962, pp 1015-1018.

~~XXXXXXXXXX~~

Amer Math Soc
Vol 3, No 1

Sci - Math

211,545

Sep 62

The Transformation Operator for Sturm-Liouville
Differential Equations in the non-Selfadjoint Case, $\frac{1}{2}$
by V. D. Mil'man, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 5,
1962, pp 1019-1021.

Amer Math Soc
Vol 3, No 1

211.546

Sci - Math

Sep 62

Asymptotic Behavior of the Eigenvalues of a Linear
Integral Equation With Discontinuous Kernel, by
G. M. Mordasova, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 5,
1962, pp 1022-1025.

Amer Math Soc
Vol 3, No 1

Sci - Math
Sep 62

211,547

On Certain Problems of Harmonic Analysis, by
B. P. Panejah, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol OXLII, No 5,
1962, pp 1026-1029.

Amer Math Soc
Vol 3, No 1

211,548

Sci - Math

Sep 62

Algebraic Theory of Generalized Analytic Functions on
Closed Riemann Surfaces, by Ju. I. Rodin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 5,
1962, pp 1030-1033.

Amer Math Soc
Vol 3, No 1

Sci - EE Math

211, 541

Sep 62

On Model Elements of Non-Selfadjoint Operations,
by E. R. Cekanovskiy, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXLII, No 5,
1962, pp 1043-1046.

Amer Math Soc
Vol 3, No 1

Sci - Math

211,542

Sep 62

On the Theory of Radicals in groups, by K. K. Seukin,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 5,
1962, pp 1047-1049.

Amer Math Soc
Vol 3, No 1

Sci - Math

211, 5-43

Sep 62

ON THE THEORY OF A GYROSCOPIC SERVOSYSTEM WITH
RANDOM NOISE, BY L. YA. ROYTENBERG, 7 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 5,
1962, PP X 1050-1053. X 9577947

FTD-TT-62-770

SCI - PHYS
AUG 62

207,960

THE INFLUENCE OF ELASTICITY IN THE AXIS BEARING
OF THE EXTERNAL RING IN A CARDAN SUSPENSION ON THE
NUTATION AND DRIFT OF A GYROSCOPE, BY S. A. KHARLAMOV,
4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 5,
1962, PP 1054-1057. 9628387

KXK AIP

SOV PHYS - DOK

VOL VII, NO 2

FTD-TT-62-1118 208,830

SCI - PHYS

AUG 62

A Generalization of a Theorem of Huygens, by V. A.
Chikin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ~~CXIII~~^{CXLII}, No 5,
1962, pp 1058-1060.

AIP
Sov Phys - Dok
Vol VII, No 2

Sci - Phys Sec
Aug62

THE HEATING AND MELTING OF A SOLID BODY BY
FRICTION, BY L. I. RUBINShteIN, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 5,
1962, PP 1061-1064.

AIP
SOV PHYS - DOK
VOL VII, NO 2

SCI - PHY S

AUG 62

208,828

THEORY OF KINETIC EFFECTS FOR SMALL CURRENT CARRIER
MOBILITY, BY M. I. KLINGER, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 5,
1962, PP 1065-1068.

AIP
SOV PHYS - DOK
VOL VII, NO 2

SCI - PHYS

AUG 62

208,831

POTENTIAL FUNCTIONS OF MOLECULES OF THE HOMOLOGOUS
SERIES $(CH_3)_nSiBr_{4-n}$, BY I. F. KOVALEV, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSR, VOL CXLII, NO 5,
1962, PP 1069-1072.

AIP
SOV PHYS - DOK
VOL VII, NO 2

SCI - PHYS

AUG 62

208,832

PHYSICOCHEMICAL INVESTIGATION OF COMPLEXES OF
ALKYL (ARYL)CHLOROSILANES AND QUATERNARY AMMONIUM
HALIDES, BY N. M. ALPATOVA, A. I. GORBANEV, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 5, 5,
1962, PP 1073-1076.

CB

SCI - CHEM

OCT 62

212,217

B
DETERMINING THE HEAT OF FORMATION OF DECARORANE,
BY G. L. GAL'CHENKO, B. I. TIMOFEYEV, ET AL,
6 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 5,
1962, PP 1077-1080. 9666267

FTD-TT-62-985

CB

SCI - PHYS
SEP 62

OTS 62-18029

210,143

X-RAY INVESTIGATION OF POTASSIUM AND RUBIDIUM
OCTAFLUORORHENATES, BY E. G. IPPOLITOV, P. A.
KOZ'MIN, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 5,
1962, PP 1081-1083.

CB

SCI - CHEM

OCT 62

212,219

Recrystallizations of Polycaprosamide Under the Influence
of Mechanical Work, by V. A. Kargin, P. V. Kozlov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 5,
1962, pp 1084-1085.

CB

Sci - Chem

Oct 62

Melting Point Diagram of the System Potassium Hydroxide - Potassium Borohydride, by V. I. Mikheyeva, M. S. Selibokhina, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No ~~XXIX~~ 5, 1962, pp 1086-1087.

CB

Sci - Chem

Oct 62

P-DIMETHYLAMINOPHENYLMERCURY DERIVATIVES OF
AMINOAZO COMPOUNDS, BY A. N. NESMEYANOV, D. N.
KRAVTSOV, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 5,
1962, PP ~~1088-1090~~⁸⁸.

CB

SCI - CHEM

212,220

CORRELATION BETWEEN THE STRUCTURE OF ESTERS OF
AROMATIC SULFONIC ACIDS AND THE RATE CONSTANTS FOR
ALKALINE HYDROLYSIS, BY V. A. PAL'M, R. V. VIZGERT,
4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 5,
1962, PP 1091-1094.

CB

SCI - CHEM

OCT 62

212,221

Physical Investigation of the Yellow and Red Forms of
Mercuric Oxide, by A. R. Tourky, Yu. L. Yussef, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 5, 1962,
pp 1095-1097.

CB

Sci - Chem

The Mechanism of Complex Formation Between Ions of
Certain Divalent Metals and Azo Derivatives of
8-Hydroxyquinoline, by A. I. Cherkasov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 5,
1962, ~~XXXXXX~~ pp 1098-1100.

CB

Sci - Chem

Oct 62

The Heat Capacity C of Water and Water
Vapor in Phase Transitions, and Hypercritical
Parameters, by Kh. I. Amirkhanov, A. M.
Kerimov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 5, 1962, pp 1101-1104.

CB

Sci

Jan 63

An Investigation of Electrochemical
Desorption as Affected by, the Structure
of the Electric Double Layer, by N. A.
Bagotskaya, 3 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXLII,
No 5, 1962, pp 1105-1107.

CB

Sci

Jan 63

Semi-Classical Treatment of Electron Exchange
in Solution, by R. R. Gogonadze,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 5, 1962, pp 1108-1111.

CB

Sci

Jan 63

Deuterium Exchange Between Aromatic
Hydrocarbons, and Liquid Deuterin Chloride,
by A. I. Kitova, Ya. M. Varshavskii, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 5, Jan -Feb 1962, pp 1112-1115.

CB

Sci

Jan 63

Fast Chemical Reactions At Low Temperatures,
by V. A. Lishnevskii, B. M. Uzhinov,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 5, Jan-Feb 1962, pp 1116-1119.

CB

Sci

Jan 63

The Effect of the Structure of the Double Layer on the irreversible Polarographic Reduction Waves of Organic Substances Having Proton Consumption in the Potential Determining Stage, by S. G. Mairanovskii, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 5, Jan-Feb 1962, pp 1120-1123.

CB

Sci
Jan 63

Semiconducting Properties of Vanadium and
Niobium Pentoxide in the Solid and the
Liquid State, by A. I. Manakov, O.A.Esin,
4 pp.

RUSSIAN, per, ~~XXXX~~ Dok Ak Nauk SSSR, Vol CXLII,
No 5, Jan-Feb 1962, pp 1124-1127.
e

XX CB

Sci

Jan 63

Activity Coefficients of Cesium Chloride in
N-Methylformamide, by Yu. M. Povarov,
A. I. Gorbanev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 5, Jan-Feb 1962, pp 1128-1129.

CB

Sci

Jan 63

The Effect of the Nature of the Alkali Cation
on the Diffusion of Protons in Nickel Oxide,
by G. Ya. Slaidin', P. D. Lukovtsev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 5, Jan-Feb 1962, pp 1130-.

CB

Sci

OTS 63-107775

Jan 63

Modeling of Chemisorption Processes Taking Place
in a Packed Column With Counter-Flow, by N. A.
Gol'dberg, V. I. Kucheryavyy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Chemical Technology
Section), Vol CXLII, No 5, 1962, pp 1134- .

CE

Sci

Aug 63

The Extent of the Marine Transgression of Akchagylian Age Within the Volga-Ural Province, by S. K. Gorelov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science Sections, No 5, 1962, pp 1137-1139.

Amer Geol. Inst

Sci
Mar 64

Antecedence of the Dnieper Valley Above the Rapids,
by N. N. Karlov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, No 5, 1962, pp 1140-1142.

Amer Geol Inst

Sci
Mar 64

New Data on Geology of the Northern Central Range,
Kamchatka, by R. A. Korzhenevskiy, 1 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 5, 1962, pp 1143-1145.

Amer Geol Inst

Sci
Mar 64

New Data on the Origin and Composition of Clay Minerals
From Maykopian Deposits. The Cis-Caucasus, by
D. D. Kotel'nikov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 5, 1962, pp 1146-1149.

Amer Geol Inst

Sci
Mar 64

Mesozoic Igneous Activity in the Yenisey Range,
by F. P. Krendalev, D. V. Klechkovskiy, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR^K, Earth Science
Sections, Vol CXLII, No 5, 1962, pp 1150-1152.

Amer Geol Inst

Sci
Mar 64

New Findings of Quaternary Mammalian Fossils in
the Upper Ob' Region, by V. Ye. Ryasina, 1 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 5, 1962, pp 1153-1154.

Amer Geol Inst

Sci
Mar 64

On the Discovery of Tilleyite in the Contact Zone
of the Anakitskiy Traprock Intrusive on the Lower
Tungusskaya River, by V. V. Reverdatto, 1 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 5, 1962, pp 1155-1157.

Amer Geol Inst

Sci
Mar 64

Chemical Composition of Meteoric Waters on the
Caucasian Shore of the Black Sea, by V. P. Zverev,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 5, 1962, pp 1158-1161.

Amer Geol Inst

Sci
Mar 64